DRONACHARYA
Group of Institutions

CSIT EDITION

NEWSLETTER

July - Dec 2023

Vision

Promoting technologists by imparting profound knowledge in information technology, all while instilling ethics through specialized technical education.

Mission

M1: Delivering comprehensive knowledge in information technology, preparing technologists to excel in a rapidly evolving digital landscape.

M2: Building a culture of honesty and responsibility in tech, promoting smart and ethical leadership.

M3: Empowering individuals with specialized technical skills & ethical values to drive positive change and innovation in the tech industry.

PEOs (Program Educational Objectives)

1. To enable graduates to think logically, pursue lifelong learning and will have the capacity to understand technical issues related to computing systems and to design optimal solutions.

2. To enable graduates to develop hardware and software systems by understanding the importance of social, business and environmental needs in the human context.

3. To enable graduates to gain employment in organizations and establish themselves as professionals by applying their technical skills to solve real world problems and meet the diversified needs of industry, academia and research.

PSOs (Program Specific Outcome)

1. To adapt to emerging technologies and develop innovative solutions for existing and newer problems.

2. To create and apply appropriate techniques IT tools to complex engineering activities with an understanding of the limitations.

3. To manage complex IT projects with consideration of the human, financial, ethical and environmental factors.

Session on Angel Investment/VC Funding Opportunities for Early Stage Entrepreneurs

Dronacharya Group of Institutions, Greater Noida hosted an insightful and engaging event on 15th July, 2023, titled "Session on Angel Investment/VC Funding Opportunities for Early Stage Entrepreneurs." The event aimed to provide a comprehensive understanding of the crucial aspects of angel investment and venture capital funding, catering to early-stage entrepreneur's eager to take their startups to the next level.

Intra Institutional Start-up Competition and Rewards for Best Start-ups

Dronacharya Group of Institutions, Greater Noida organized an event titled "Intra Institutional Start-up Competition and Rewards for Best Start-ups" from 24th – 26th July, 2023. The event was managed through YUKTI-NIR. The event was meticulously designed to foster innovation, entrepreneurship, and collaborative spirit among aspiring entrepreneurs within the institution.

Akhil Bhartiya Shiksha Samagam – 2023

Students and faculty members of Dronacharya Group of Institutions, Greater Noida participated in the inaugural session of "Akhil Bhartiya Shiksha Samagam, 2023" organized by the Ministry of Education and the Ministry of Skill Development & Entrepreneurship to commemorate the third anniversary of the National Education Policy (NEP) 2020 and the second edition of the Akhil Bhartiya Shiksha Samagam.

The event, held virtually with participants from all corners of the country, focused on deliberating the transformational impact of the NEP 2020 and its alignment with the goals of Akhil Bhartiya Shiksha Samagam.

Session on "What are the challenges in the Startups"

Dronacharya Group of Institutions, Greater Noida organized a session on "What are the challenges in the startup" under the guidance of Mr. Anand Mathew(Zoom Communication Pvt. Ltd.). Mr. Anand emphasized, startups do not only fulfill the dreams of young aspiring entrepreneurs but also bring economic stability for a nation. Thus it is important to discuss the challenges that lead to failure of a startup.

Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs

Dronacharya Group of Institutions, Greater Noida organized session on "Accelerators/ Incubation – Opportunities for Students & Faculties – Early Stage Entrepreneurs." The orator of the session was Sqn Ldr (Retd) Anjali Joshi. 85 students attended the session.

Honeywell CSR Program – A Certificate course on "Artificial Intelligence" under the Student Youth Empowerment Program

Dronacharya Group of Institutions, Greater Noida in collaboration with Honeywell conducted a CSR program "A Certificate course on "Artificial Intelligence" under the Student Youth Empowerment Program from 7th -24th August, 2023. The program was coordinated by Ms. Bhanu Bhardwaj (Asst. Professor, CSE) and Mr. Bharat Bhushan, (System Administrator). Mr. Sanjeet Kumar was the trainer for the program.

KAVACH 2023

Team "Prime Protectors" (Mr. Chandranshu Singh – Team Leader, Ms. Pooja Panwar, Mr. Karthikey Sharma(AIML), Ms. Komal Bora(CSIT 2nd Year), Mr. Dinesh Kumar, Mr.Aman Kumar) of Dronacharya Group of Institutions, Greater Noida participated in 36 hours non-stop Hackathon "KAVACH 2023" organized by Ministry of Home Affairs.

Panch Pran (Five Pledge)

NSS Unit, Dronacharya Group of Institutions, Greater Noida organized "Panch Pran (Five Pledge)" pledge taking ceremony in the college ground on 9th August, 2023. It included a commitment to uphold five key values connected to loving ethically, responsibly and harmoniously. All students, faculty members and staff members participated in the oath taking ceremony.

Session on "Importance of Frugal Innovation for Start- ups"

Dronacharya Group of Institutions, Greater Noida organized a Session on "Importance of Frugal Innovation for Start-ups" from 17th – 19th August, 2023. The keynote speaker of the session was Mr. Sanjeet Kumar (Trainer). 80 students attended the 3 day theoretical and practical session.

World Entrepreneurs Day: Case Study Competition

Dronacharya Group of Institutions, Greater Noida organized a "Case Study Competition" on the occasion of World Entrepreneurs Day celebrated on 21st August 2023. 56 students participated in the event.

Demo Day: A Battlefield of Idea Pitching

Dronacharya Group of Institutions, Greater Noida organized "Demo Day: A Battlefield of Idea Pitching" on 24th & 25th August, 2023. 65 students participated in the competition & displayed their wide variety of ideas. The coordinator of the event was Dr. Shailesh Kumar Singh (Innovation Ambassador). The judges of the competition were Prof. Dr. Seema Shukla, Prof. Sanghamitra V Arora and Dr. Bipin Pandey. The rules were pre-articulated to all.

National Sports Day

Sports Club, Dronacharya Group of Institutions, Greater Noida organized "National Sports Day" on 29th August, 2023. 275 students participated in various competitions. The event brought together students, faculty, and staff in a day of spirited competition and camaraderie.

Internal Hackathon "Smart India Hackathon 2023"

Dronacharya Group of Institutions, Greater Noida organized an "Internal Hackathon" on 15th & 16th September, 2023 to shortlist the teams for Smart India Hackathon 2023.

MOU Signing Ceremony with PrepInsta

On 15th September, 2023, a significant Memorandum of Understanding (MOU) was signed between PrepInsta, a leading online learning platform, and Dronacharya Group of Institutions, Greater Noida, a prominent educational institution in India. The MOU marks the beginning of a collaborative partnership aimed at enhancing the educational experience of students and fostering innovation in the field of education.

Session on “Concept, scope and nature of Intellectual Property Rights”

Dronacharya Group of Institutions, Greater Noida organized a Session on “Concept, scope and nature of Intellectual Property Rights” on 16th September, 2023. The keynote speaker of the session was Dr. Nahar Singh (Sr. Principal Scientist & Honorary Professor (AcSIR), CSIR-NPL, New Delhi . 85 students attended the session.

Workshop on “Entrepreneurship and Innovation”

Dronacharya Group of Institutions, Greater Noida organized a workshop on “Entrepreneurship & Innovation” as Career Opportunity on 18th September, 2023. Mr. Vivek Kumar Jhakmola (Director, MTA Ev Division) was the resource person of the workshop. 65 students attended the workshop.

Participation in G20 Final University Connect

Second year Students along with faculty member Mr. Manoj Kumar Yadav of Dronacharya Group of Institutions, Greater Noida attended the session on G20 Final University Connect held on 26th September, 2023, at Bharat Mandapam, New Delhi in the presence of Prime Minister, Shri Narendra Modi.

Session on "How to ace Behavioural/HR Interview rounds?"

Technical Language Society along with Training & Placement Department, Dronacharya Group of Institutions, Greater Noida organized a Session on "How to ace Behavioural/HR Interview rounds?" on 27th September, 2023. B.Tech final year students of all the departments attended t he session.

Personality Development Programme

Technical Language Society, Dronacharya Group of Institutions, Greater Noida organized "Personality Development Programme" on 29th September, 2023. The eminent speaker of the session was Capt. Manjula Katoch (Ex- Army Officer, certified Soft Skill Trainer and Tri Athlete of Pinkathon). 2nd Year B.Tech students attended the PDP.

Walkathon on "World Heart Day"

NSS Unit, Dronacharya Group of Institutions, Greater Noida organized "Walkathon" in collaboration with Yatharth Super Specialty Hospital on "World Heart Day" with the aim of creating awareness among students to understand the importance of Heart health on 30th September, 2023.

Students selected for Summer Internship

Karan Singh Negi and Nitin Adhikari from CSIT Department are selected for Summer Internship in DRDO.

Session on "Advert to Innovate : Give Wings to your Imagination"

Dronacharya Group of Institutions, Greater Noida organized a session on "Advert to Innovate: Give Wings to your Imagination". Captain Manjula Katoch (Ex-Army Officer and certified skill trainer) was the eminent speaker of the session. B. Tech 2nd year students attended the session.

Celebration of International Girl Child Day

NSS Unit and Women Development Cell of Dronacharya Group of Institutions, Greater Noida celebrated "International Girl Child Day" on 11th October, 2023. The day was celebrated with the theme of "Empower Girls for a Brighter Tomorrow". 85 girl students and 25 female faculty members participated in the celebration activities.

Session on "Essential Soft Skill for Engineers to maximize success in career"

To enhance the soft skills of the students, Technical Language Society, Dronacharya Group of Institutions, Greater Noida organized a session on "Essential Soft Skill for Engineers to maximize success in career". Captain Manjula Katoch (Ex. Army Officer and certified Skill Trainer) was the speaker of the session. B.Tech 3rd year students attended the session.

Poster Competition on National Innovation Day

To commemorate the Birth Anniversary of the great leader, Dr. A P J Abdul Kalam, a visionary leader and the "People's President", Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida, organized a "Poster Competition" on 15th & 16th October, 2023. 42 students participated in the competition and displayed masterpieces by way of innovative posters. The theme of the poster competition was 'Depicting the Innovation and Spirit of Dr. A P J Abdul Kalam.'

Workshop on "Importance of Goal Setting for Emerging Young Entrepreneurs"

Dronacharya Group of Institutions, Greater Noida organized a workshop on "Importance of Goal Setting for Emerging Young Entrepreneurs" from 16th - 18th October 2023 for 3rd year students. Capt. Manjula Katoch was the keynote speakers for the workshop.

Visit to Indian Mobile Congress (IMC) 2023 "Expanding Tech Horizons"

Dronacharya Group of Institutions, Greater Noida organized a visit to 7th edition of “Indian Mobile Congress (IMC 2023)” on 27th October, 2023. Students along with Innovation Ambassador attended Asia's most extensive telecommunications, media, and technology forum. The theme of the event was "Global Digital Innovation."

Paper Presentation at International Conference : SPTME 2023

B. Tech students (Kartik Bhardwaj 1st year CSIT and Rajiv Chanchal 2nd year) along with Dr. Priya Satsangi from Dronacharya Group of Institutions, Greater Noida attended and presented paper at the International Conference on "Sustainable Practices in Technology, Management and Education: Building A Resilient Future (SPTME 2023)" on 30th -31st October, 2023 hosted by Global Educational Institutes, Greater Noida

Participation in Meri Maati Mera Desh Campaign's Amrit Kalash Yatra

Mr. Rajat Kumar along with 115 Students (NSS Volunteers) of Dronacharya Group of Institutions, Greater Noida participated in Meri Maati Mera Desh campaign's Amrit Kalash Yatra and Amrit Mahotsav closing Ceremony and Inauguration of "Mera Yuva Bharat" portal at Kartavya Path in New Delhi on 30th -31st October, 2023.

Celebration of National Unity Day

Mr, Rajat Kumar (Faculty CSE, DGI) along with NSS volunteers from Dronacharya Group of Institutions, Greater Noida participated in the National Unity day celebrations on 31st October, 2023 at Kartavya path.

Vigilance Awareness Week" (VAW)

Dronacharya Group of Institutions, Greater Noida observed "Vigilance Awareness Week" (VAW) on 30th October – 5th November, 2023. The theme for this year's Vigilance Awareness Week was ""Say no to corruption; commit to the Nation". 210 students participated in different activities during the observance of VAW.

Dr. Abdul Kalam Inter-Technical University Sports Fest, 2023-24 (Zonal Level)

Dronacharya Group of Institutions, Greater Noida hosted "Dr. Abdul Kalam Inter-Technical University Sports Fest, 2023-24 (Zonal Level)" from 3rd – 4th November, 2023. 24 colleges participated in various competitions held across 2 days. The two- day carnival witnessed amazing zeal and sportsmanship among the participants. The fest involved 18 different events for both boys and girls. Each game was supervised by a faculty coordinator.

Motivational Session

Dronacharya Group of Institutions, Greater Noida organized "Motivational Session" on 6th November, 2023. Ms. Rashmi Aggarwal (Co-Founder HRStop.com) was the eminent speaker of the session. 55 students attended the session.

Paper presented at "International Conference on Computational Intelligence and Cyber Security (ICCICS-2023)

Students Divyanshi Mishra (CSIT 3rd year) with Co-Authors Prerna Yadav (CSIT 3rd year), Nishita Sharma (CSIT 3rd year), Meenakshi Singh (CSIT 3rd year) under the guidance of Prof. Papiya Mukherjee (CSE) of Dronacharya Group of Institutions, Greater Noida presented the paper titled "3D image modelling using data sciences" at "International Conference on Computational Intelligence and Cyber Security (ICCICS-2023)", jointly organized by the Department of Computer Science & Engineering and the Department of Electronics & Communication Engineering, University of Lucknow (UoL) on 9th November, 2023.

National Entrepreneurship Day "Quiz on Entrepreneurship and Business Development"

Dronacharya Group of Institutions, Greater Noida organized "Quiz on Entrepreneurship and Business Development" on 9th November, 2023. The quiz was conducted on the occasion of "National Entrepreneurship Day". 347 students participated in the quiz.

Workshop on "Capital Budgeting for Entrepreneurs"

Dronacharya Group of Institutions, Greater Noida organized workshop on "Capital Budgeting for Entrepreneurs" on 16th and 17th November,2023.

Dr. Sahab Singh (Associate Professor) of Dronacharya Group of Institutions, Greater Noida briefed about the importance of Capital Budgeting skills for the real time growth for an entrepreneur. Entrepreneurship training worthy of its name must also incorporate real-life situations for future entrepreneurs to appreciate and prepare for the difficulties of entrepreneurship.

Motivational Session

Dronacharya Group of Institutions, Greater Noida organized "Motivational Session" for B.Tech 3rd and 4th year students on 21st November, 2023. The eminent speaker of the session was Mr. Aayushya Verma {Sr. Software Developer (R&D), K.M. Williams and Associates}

IIC Regional Meet for the NRO Zone

IIC members (Prof. Sanghamitra V. Arora, Dr. Sangeeta Mangesh, Dr. Adarsh Malviya and Dr. Teena Gakhar), Dronacharya Group of Institutions, Greater Noida attended IIC Regional Meet for the NRO Zone on 23rd November 2023 at Noida. Six student teams displayed their innovative ideas with the help of project prototypes at the event.

IIC Regional Meet for the NRO Zone

Title of the Innovation/Prototype:

Identification and location of voids in earthquake scenario

Team Details

Team Leader:

Ankit Yaduvanshi (ECE Dept.)

Team Member:

Tanu Srivastava (CSIT Dept.)

Shreyash Vatsa (CSIT Dept.)

DRONACHARYA Group of Institutions

INSTITUTION'S INNOVATION COUNCIL

Institution's Innovation Council (IIC)

REGIONAL MEET 2023

YUKTI Innovation Challenge

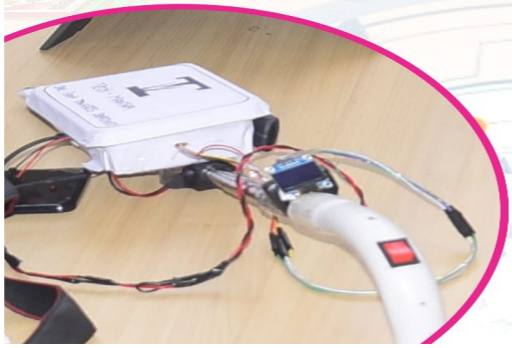
YUKTI 2.0 Innovation Repository

Hardware Project

Identification and location of voids in earthquake scenario

Innovation ID : IR2023- 856004

Unique & Portable Design for detecting and monitoring the void space in earthquake affected area. After finding the void if their is any slight movement of any human being or living being buried under the concrete of building their is chance that a Life can be saved.



Team Details

Team Leader :
Ankit Yaduvanshi
ECE Dept.

Team Member :
Shreyash Vatsa
CSIT Dept.

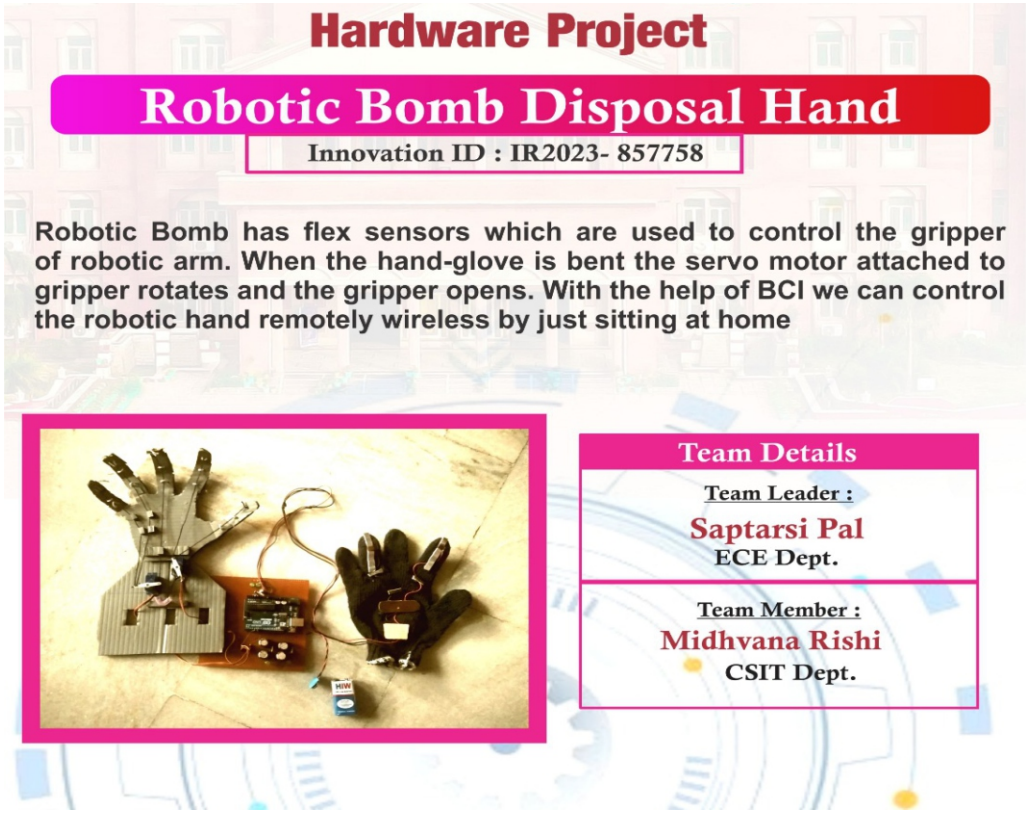
IIC Regional Meet for the NRO Zone

Title of the Innovation/Prototype:
Robotic Bomb Disposal Hand

Team Details

Team Leader:
Saptarshi Pal (ECE Dept.)

Team Member:
Midhvana Rishi (CSIT Dept.)

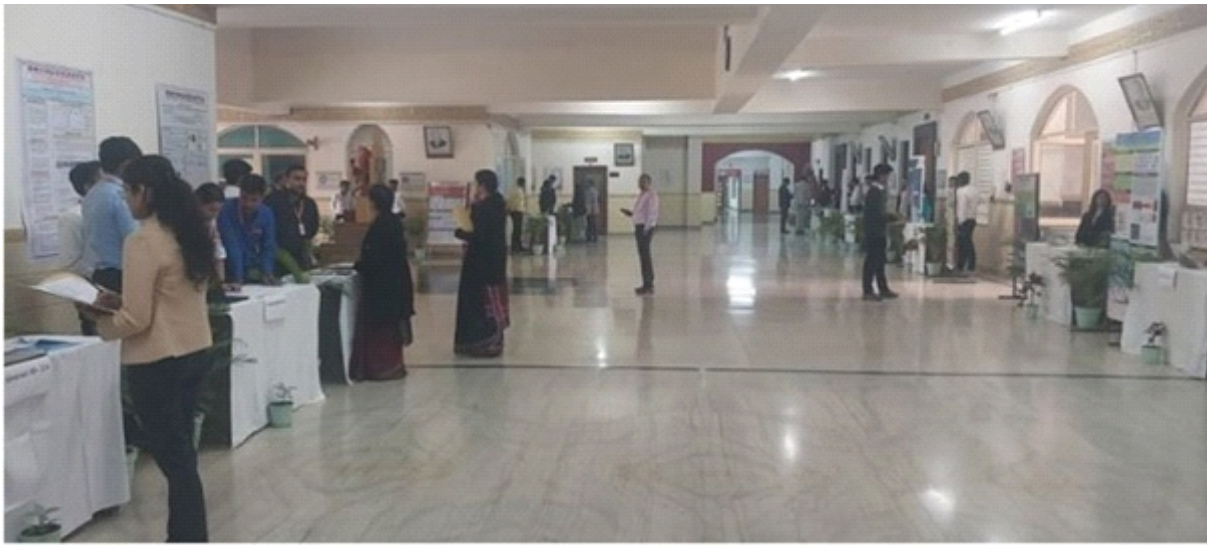


Visit to "18th FICCI Higher Education Summit 2023"

Dronacharya Group of Institutions, Greater Noida organized a visit to the 18th FICCI Higher Education Summit 2023, held at Dr. Ambedkar International Centre, New Delhi from 29th – 30th November, 2023. Dr. Sahab Singh (MBA Department) and Mr. Rajat Kumar (CSE Department) along with 15 students from Management & Engineering streams went to attend the summit.

Technical Poster Presentation

Dronacharya Group of Institutions, organized "Technical Poster Presentation" on 1st -2nd December 2023. Mr. Deepak Kumar & Ms. Krati Hardya coordinated the event under the supervision of Dr. Shailesh Kumar Singh (Innovation Ambassador). Students from all the departments actively and enthusiastically participated in the event. Judges of the event were Prof. (Dr.) Seema Shukla, Prof. (Dr.) S. K. Srivastava, Prof. Sanghmitra V. Arora, Prof. (Dr.) Sangeeta Mangesh and Prof. (Dr.) Bipin Pandey. 20 teams participated in the presentation.



Dr. Abdul Kalam Inter-Technical University Sports Fest, 2023-24 (State Level)

Three students Shravi Singh (4th year, CSE), Mehak Bharadwaj (3rd year, CSE), Khushi Srivastava (2nd year, CSIT) got a golden opportunity to represent Dronacharya Group of Institutions, Greater Noida in Dr. Abdul Kalam Inter-Technical University Sports Fest, 2023-24 (State Level) after securing 1st position in Table Tennis Girls Zonal Event. SR Group of Institutions, Lucknow hosted the fest from 1st – 2nd December, 2023. Ms. Parul Singh (Assistant Professor, CSE Department, DGI) accompanied them as their team manager.

Essay and Quiz Competition on "National Pollution Control Day"

NSS Unit together with Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized "Essay and Quiz Competition" on the occasion of 'National Pollution Control Day'. The topic of the quiz competition was 'National Pollution Control Day and Bhopal Gas Tragedy'. 85 students participated in the competitions.

Smart India Hackathon – 2023 Grand Finale

Three Teams of Dronacharya Group of Institutions, Greater Noida were selected for the Grand Finale of SIH 2023 (One from Software Edition and Two from Hardware Edition)
Software Edition: 19th – 20th December, 2023 II Hardware Edition: 19th – 23rd December, 2023

Technoob (Team ID- 4064): Problem Statement: Using existing CCTV network for crowd management, crime prevention, and work monitoring using AIiML(SIH1349) was given by the Ministry of Railways. Students competed under the mentorship of Dr. Aadarsh Malviya (CSE Dept.) and Prof. Rajat Kumar (CSE Dept.) at S.N.A. College of Engineering and Technology. The following members were the part of Team Technoob:

	Name	Gender (M/F)	Stream	Year
Team Member	Sumit Sinha	M	CSIT	3rd
Team Member	Apekshita Aggarwal	F	CSE	3rd

CommuniCreators (Team ID – 2533): Problem Statement: Development of Augmentative and Alternative Communication (AAC) in Indian context(PSID: SIH 1406) was given by Ministry of Social Justice and Empowerment. Students competed under the mentorship of Sanghamitra Arora (ECE Dept.) and Dr. Bipin Pandey (CSE Dept.) at Galgotias University. The following members were the part of the Team CommuniCreators:

	Name	Gender (M/F)	Stream	Year
Team Leader	Praanjal Raikwar	F	CSE	3rd
Team Member	Mohd Aftab	M	CSE	3rd
Team Member	Shaina Salmani	F	CSE	3rd
Team Member	Sudhir Sangam	M	CSIT	3rd

Smart India Hackathon – 2023 Grand Finale

Team Technoob

Smart India Hackathon – 2023 Grand Finale

Team CommuniCreators

Winners of Smart India Hackathon (Sr. Software Edition- Grand Finale)

Team Technoob from Dronacharya Group of Institutions, Greater Noida were one of the finalists and came up with flying victory and won Smart India Hackathon Grand Finale, Senior Software Edition which was held at Dindigul, Tamil Nadu on 19th - 20th December, 2023. Prof. Rajat Kumar and Dr. Aadarsh Malviya were the mentors and guided students throughout the 36 hour non-stop coding battle.

National Mathematics Day celebrations

Dronacharya Group of Institutions, Greater Noida organized different events as a part of National Mathematics Day celebrations from 18th December to 24th December, 2023. The aim to organize the celebration was to honor great Indian mathematician Srinivasa Ramanujan's contribution for his outstanding accomplishment in the field of Mathematics.

Workshop on Entrepreneurship Skills, Attitude & Behavior

Dronacharya Group of Institutions, Greater Noida organized a profoundly insightful workshop on "Entrepreneurship Skill, Attitude and Behavior" The esteemed speaker of the workshop was Dr. Ritu Soryan (Dean, Student Welfare, DGI.) The workshop aimed to provide invaluable insights to 80 students of MBA and B.Tech CSIT Department, casting light on the indispensable skills requisite for success in the entrepreneurial landscape.

DronHackathon- 2023 (Hardware and Software Project Competition)

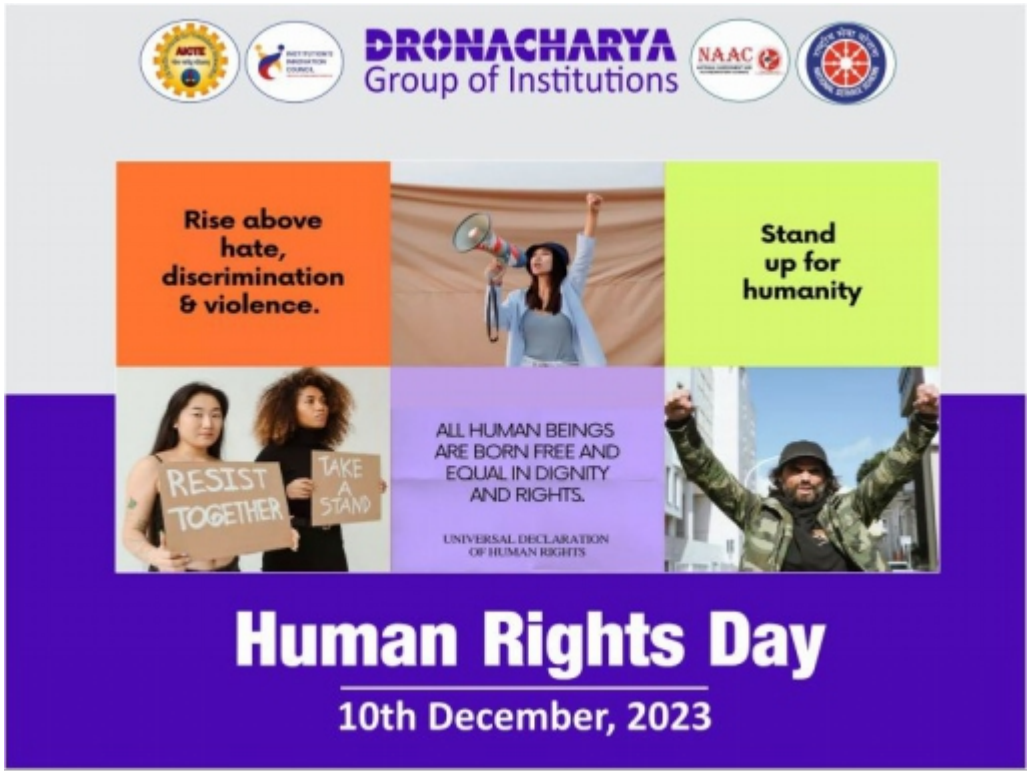
Dronacharya Group of Institutions, Greater Noida organized a grand technical project exhibition, DRONHACKATHON-2023 on 28th – 29th December, 2023. The event was conducted under the supervision of RDC Convener Prof. Sanghamitra V Arora and other faculty members of DGI. On 28th December, 2023 the inauguration was initiated by Dr. S. K. Srivastava (Registrar, DGI) in the presence of all HOD's, faculty and students of DGI.

Winners of DRONHACKATHON - 2023

Dronacharya Group of Instiitutions, Greater Noida organized DRONHACKATHON- 2023 (Hardware and Software Project Competition) on 28th – 29th December, 2023.
The winners of the competition were awarded with cash prize and all the participant's efforts were applauded by giving certificates.

Organized an “Innovative Calendar Making Competition” on Human Rights Day

To mark the 75th anniversary of the Universal Declaration of Human Rights (UDHR), NSS Unit, Dronacharya Group of Institutions, Greater Noida organized an “Innovative Calendar Making Competition” on the theme-Freedom, Equality and Justice for all on 10th December 2023.



Vijay Diwas Celebration

Dr. Ritu Soryan (HOD, MBA Department and Dean of Student Welfare, DGI), along with Ms. Preeti Singh (Faculty CSIT, DGI), Dronacharya Group of Institutions, Greater Noida were invited as "Guest of Honour" for the celebration of Vijay Diwas organized by Veterans India at DG NCC Auditorium Delhi Cantt. on 16th December 2023.